

Learn from the oil palm development experiences to promote the sustainability of the sector



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Mills as drivers of oil palm development

Good OER

Medium investment

No effluent treatment

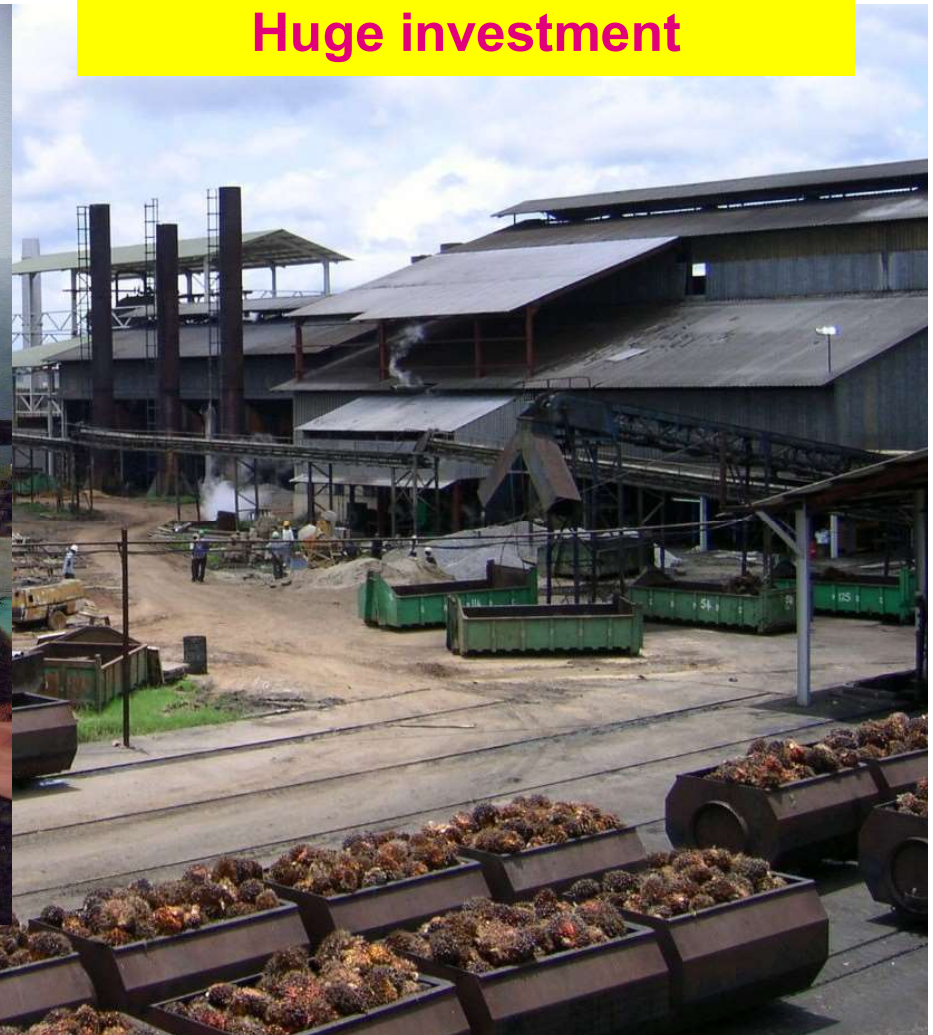
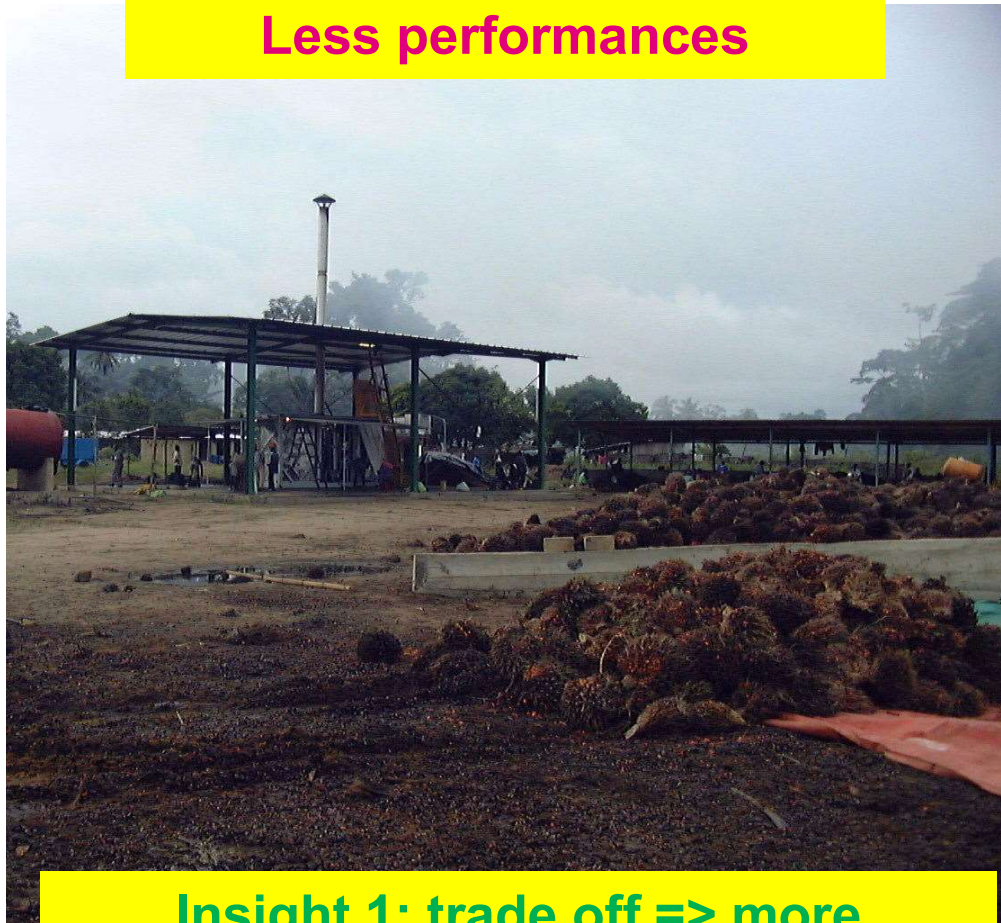
Less performances

Highest OER

Effluent treatment

Best performances

Huge investment

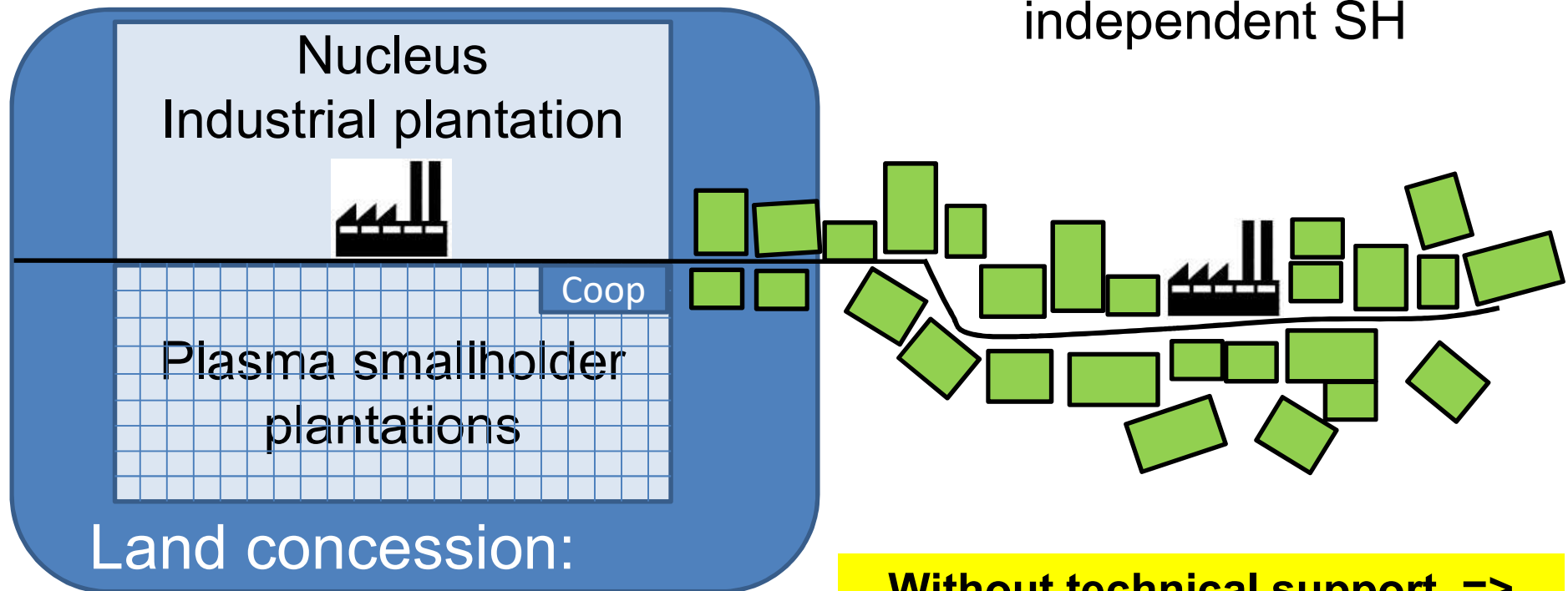


Insight 1: trade off => more flexibility with mini industrial mills

NES development scheme: past and present

Nucleus Estate & Smallholders (SH)
with or without plasma

Sometimes with another
private mill and
independent SH



Land concession:

Large land concession with not much people => deforestation

Insight 2: difficult to plant large plantations on already farmed land.

Without technical support => Independent smallholders are used to plant unselected palms
Insight 3: Explain smallholders where to get selected palms.

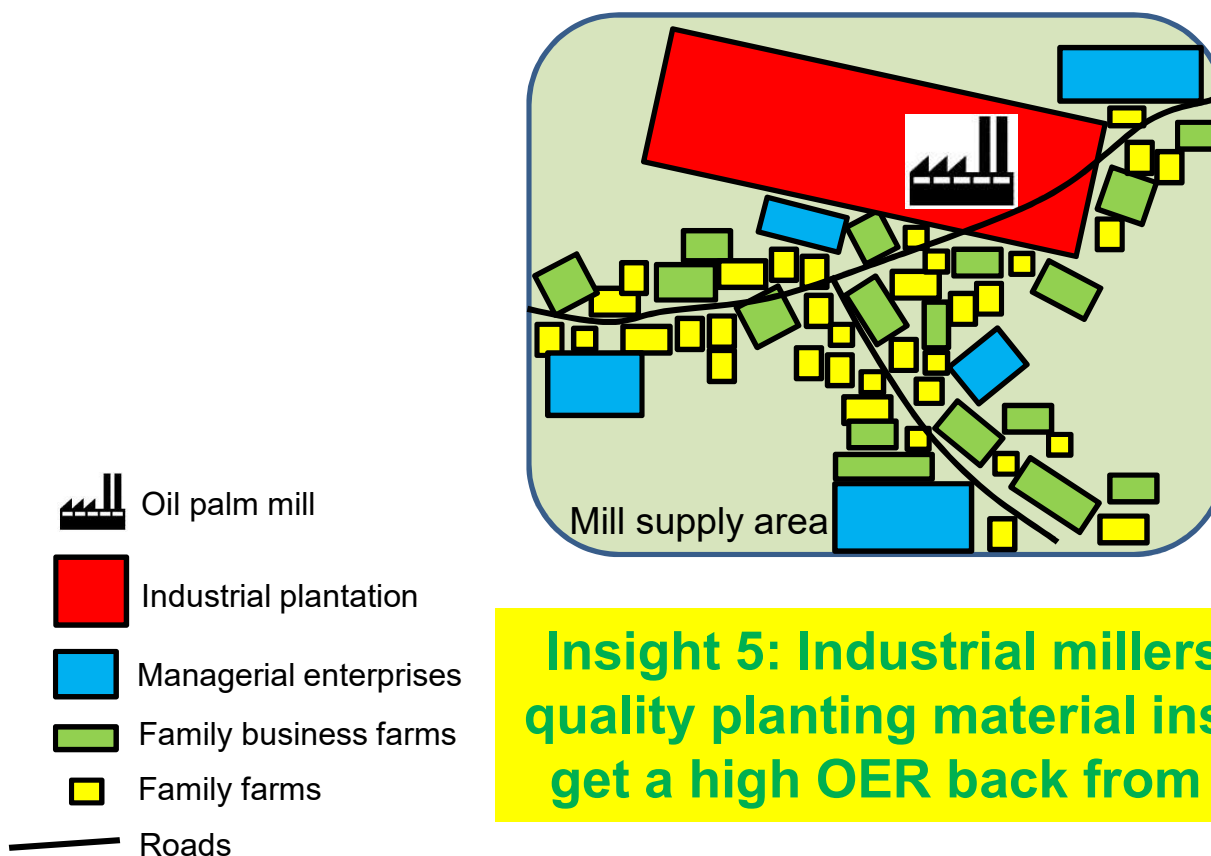


When smallholders supply an agro-industry, if the EFB are only spread inside the industrial plantation => there is a fertility transfer from smallholdings to industrial plantation.

Insight 4: Applying EFB in smallholdings => maintain their soil fertility.

Unsaturated mills during peak season organise smallholder development

The industrial mill provides cost price selected seedlings to smallholders interested to extend their oil palm area. By the way, the agro-industry spreads in its mill supply area, selected oil palm with better yields and higher oil extraction rate. Smallholders prepay the selected planting material in FFB.



Insight 5: Industrial millers can easily spread high quality planting material inside a mill supply area to get a high OER back from smallholders' bunches.

“Alianza” : Columbian development scheme on already farmed land by alliance sharing

The investor build the oil palm mill and holds 50% of the Alliance sharing.

Government helps to create Alliance and bring technical support.

Farmers are benefiting from plantation credits guaranteed by the mill. They also participate in decision-making by holding together 50% of the share according to their planted areas.

